

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9603114	A1	19960208	WO 1995-US9188	19950719
	W: AU, CA, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5650101	A	19970722	US 1994-280591	19940725
	CA 2195980	AA	19960208	CA 1995-2195980	19950719
	AU 9531028	A1	19960222	AU 1995-31028	19950719
	AU 694254	B2	19980716		
	EP 771190	A1	19970507	EP 1995-926758	19950719
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 10506879	T2	19980707	JP 1995-505860	19950719
	AU 9720001	A1	19970911	AU 1997-20001	19970430
PRAI	US 1994-280591	A	19940725		
	WO 1995-US9188	W	19950719		
AB	A lock unimol. micelle includes at least one engineered acceptor specifically binding a ligand (or specifically a "key" unimol. micelle) thereto. A key unimol. micelle comprises a core mol. and a plurality of branches extending therefrom, at least one of the branches including a shank portion extending therefrom having a terminal moiety at an end thereof for binding to a complimentary acceptor of a lock unimol. micelle. Together, the lock and key micelles form a unit, either irreversibly or reversibly bound wherein the lock micelle is a soluble receptor engineered to specifically bind to the specifically engineered key micelle. For example, a lock comprised a pyridino amide polymer and a key comprised a barbituric acid-containing polymer.				
IC	ICM A61K009-107				
CC	ICS A61K009-50; A61K051-00; B01J013-00; B01J013-10				
ST	35-5 (Chemistry of Synthetic High Polymers)				
IT	lock key unimol micelle; cascade polymer lock key				
	Dendritic polymers				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(lock and key unimol. micelles)				
IT	Polyamides, preparation				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(dendrimers, lock and key unimol. micelles)				
IT	Dendritic polymers				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(polyamides, lock and key unimol. micelles)				
IT	57-13-6, Urea, reactions 64-18-6, Formic acid, reactions 108-59-8, Dimethyl malonate 502-85-2, Sodium 4-hydroxybutyrate 2834-05-1, 11-Bromoundecanoic acid 2873-74-7, Glutaryl chloride 10049-08-8, Ruthenium chloride 15949-84-5, 11-Bromoundecanoyl chloride 128143-89-5				
	136586-99-7 176738-94-6				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(lock and key unimol. micelles)				
IT	168642-00-0P 176738-95-7P 176738-96-8P 176739-00-7P 176739-01-8P				
	176739-02-9P 176739-03-0P 176739-04-1P 176739-05-2P 176739-06-3P				
	176739-07-4P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(lock and key unimol. micelles)				
IT	176738-97-9P 176738-99-1P 176781-39-8P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(lock and key unimol. micelles)				
IT	176738-97-9P 176738-99-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(lock and key unimol. micelles)				
RN	176738-97-9 HCAPLUS				
CN	Heptanedioic acid, 4,4'-[2,2-bis[[3-[[[6-[[5-[[3-carboxy-1,1-bis(2-carboxyethyl)propyl]amino]-1,5-dioxopentyl]amino]-2-pyridinyl]amino]-3-oxopropoxy]methyl]-1,3-propanediyl]bis[oxy(1-oxo-3,1-propanediyl)imino-6,2-pyridinediylimino(1,5-dioxo-5,1-pentanedyl)imino]bis[4-(2-carboxyethyl)-, polymer with bis(1,1-dimethylethyl) 4-amino-4-[3-(1,1-dimethylethoxy)-3-oxopropyl]heptanedioate (9CI) (CA INDEX NAME)				
CM	1				
CRN	176738-96-8				
CMF	C97 H132 N16 O40				

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